

CLAIMS

1.-19. (canceled)

20. (currently amended) A switching device ~~for controlling at least two motors, the device comprising:~~

at least two motors each having a feedback sensor;

a single servo amplifier converter, wherein the at least two motors are connected to the single servo amplifier converter by a power line and a feedback line for returning feedback signals for evaluation, respectively;

wherein the power lines and the feedback lines each have a power switch;

at least one a logic module connected to the single servo amplifier converter and configured to evaluate signals received from the single servo amplifier converter and configured to generate [a] control signals signal for controlling the motors;

wherein the power switches are actuated by the control signals received from the logic module for selectively switching one of the at least two motors.

21. (currently amended) The switching device according to claim 20, wherein the single servo amplifier converter has an interface ~~for selecting one of the motors to be controlled, wherein the interface is connected by~~ at least one [a] signal line to the ~~at least one~~ logic module.

22. (canceled)

23. (currently amended) The switching device according to claim 20 [22], wherein the ~~at least two~~ power switches are multiplexers.

24. (currently amended) The switching device according to claim 20 [22], wherein the ~~at least two~~ power switches are switchable simultaneously.

25. (currently amended) The switching device according to claim 20, wherein the feedback lines are combined to line is a single bidirectional feedback line.

26. (currently amended) The switching device according to claim 25, wherein via the bidirectional feedback line the signals are delivered from the single servo amplifier converter to the ~~at least one~~ logic module.

27. (currently amended) The switching device according to claim 20, wherein ~~for the feedback systems sensors of the at least two motors that cannot measure absolute values and[,] the at least one~~ logic module is adapted to store actual position

values of the at least two motors.

28. (currently amended) The switching device according to claim 20, further comprising a changeover module, wherein the ~~at least one~~ logic module is a part of the changeover module.

29. (currently amended) The switching device according to claim 28, wherein the changeover module comprises the power switches for the at least two motors.

30. (currently amended) The switching device according to claim 28, wherein the power switches of the at least two motors are arranged outside of the changeover module.

31. (original) The switching device according to claim 30, wherein the power switches of the at least two motors are controlled by the changeover module.

32. (currently amended) The switching device according to claim 20, wherein the single servo amplifier converter is provided with an operations software enabling an administration, an actual value acquisition, and a control of several different sequentially operated positioning axes.

33. (currently amended) A servo amplifier converter for a switching device according to claim 20, comprising an operations software enabling administration, actual value acquisition, and control of several different sequentially operated positioning axes.

34. (currently amended) A switching device ~~for controlling at least two motors, the device comprising:~~

at least two motors;

a single servo amplifier converter connected to the at least two motors;

a multiplexer arranged downstream of the single servo amplifier converter,

a decoder connected to the multiplexer for controlling the multiplexer;

encoder lines connecting the single servo amplifier to the decoder for triggering the multiplexer;

wherein the at least two motors each have a bidirectional driver connected by bidirectional data lines to the multiplexer;

wherein the bidirectional drivers send signals to the at least two motors to be controlled;

wherein the bidirectional drivers are directionally switched by signals received from the decoder.

35. (currently amended) The switching device according to claim 34, wherein the further comprising a decoder is adapted to analyze data signals of the single servo amplifier converter and further adapted, based on the analysis of the data signals, to generate for certain bit patterns N signals for controlling the multiplexer and a signal direction the signals for directionally switching the [of] bidirectional drivers connected to the multiplexer.

36. (original) The device according to claim 34, wherein the multiplexer switches N bidirectional data lines connected to the multiplexer.

37. (original) The device according to claim 34, wherein, when using interfaces with a CLOCK signal, the correlated drivers are deactivated for all inactive interfaces by a signal "output enable" OE.

38. (original) The device according to claim 34, wherein the decoder generates additional signals.

39. (original) The device according to claim 38, wherein the additional signals are independent of a control of the multiplexer.